((CH3)2N)2C=N(t-C4H9)

Inchi: InChI=1S/C9H21N3/c1-9(2,3)10-8(11(4)5)12(6)7/h1-7H3
InchiKey: YQHJFPFNGVDEDT-UHFFFAOYSA-N
Formula: C9H21N3
SMILES: CN(C)C(=NC(C)(C)C)N(C)C
Mol. weight [g/mol]: 171.28
CAS: 34331-58-3

Physical Properties

Property code	Value	Unit	Source
affp	1061.80	kJ/mol	NIST Webbook
basg	1029.40	kJ/mol	NIST Webbook
hf	-30.35	kJ/mol	Joback Method
hvap	41.81	kJ/mol	Joback Method
log10ws	-1.00		Crippen Method
logp	1.264		Crippen Method
mcvol	163.310	ml/mol	McGowan Method
pc	2129.52	kPa	Joback Method
tb	503.53	K	Joback Method
tc	696.34	K	Joback Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C34331583&Units=SI

Legend

affp: Proton affinity

basg:	Gas basicity
hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature